KERN **MCF 300K-1M**

Mobile integratable chair scale with four steerable wheels for medical diagnostics, optionally with verification



Category

Brand	KERN
Product category	Medical scale
Product group	Chair scale
Product family	MCF

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	300 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,1 kg
Minimum weight [Min] (verifiable)	2 kg
Resolution	3.000
Tare range	300 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Possible calibration points	300 kg
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,1 kg
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Units	kg
Units (if device is conformity assessed)	kg
Default unit	kg
Loadcell type	DMS

Display

Display type	LCD
Display type	LCD
Display backlight	no
Display screen size	100×40 mm
Display segments	6
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction

Dimensions completely mounted (W×D×H)	647×860×910 mm
Dimension display device (W×D×H)	210×54×100 mm
Dimensions weighing surface (W×D)	380×360 mm
Dimensions weighing surface	380×360 mm
Dimensions weighing platform (W×D×H)	465×530×410 mm
Material housing	ABS plastic
Material weighing plate	plastic
Material platform	steel, lacquered
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,8 m
Display device cable length	1,8 m
Platform Construction	Chair Scale
Load cells - number	1

Functions

Alibi memory	internal memory
Alibi memory - number of memory spaces	250.000
Function for BMI calculation	✓
Hold function	✓
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	IP65
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	off selectable 30 s, 1 min, 2 min, 5 min, 30 min, 60 min
Auto-off interval(s) in mains power mode	off selectable 30 s, 1 min, 2 min, 5 min, 30 min, 60 min
Tare function	manual (multi)
Number of keys for operation	6

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Interface

Interfaces	RS-232 (optional) Bluetooth (optional) WiFi Alibi memory USB-Device (optional) KUP
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply & battery function (battery not included)
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Plug-in power supply / adapter for countries - optional	EURO UK
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	6 V, 1 A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm
Battery / accumulator type	Alkali(-Manganese) Li-Ion
Battery	6×1.5 V AA
Battery connection	Battery insert
Battery operating time	20 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional
Battery/Accu connected	not connected, isolated in the device

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	5 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg
Approval in accordance with 2017/745 (MDR, med.)	✓

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-129
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	914×690×1050 mm
Shipping method	Freight
Net weight approx.	22 kg
Gross weight approx.	38 kg
Shipping weight	132,4 kg
Shipping volume weight	132,4 kg

Product information

GTIN/EAN number	4045761494046
Trade number	84231090
REACH classification	no prohibited substances

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Pictograms

STANDARD



OPTION



FACTORY



CE
0297